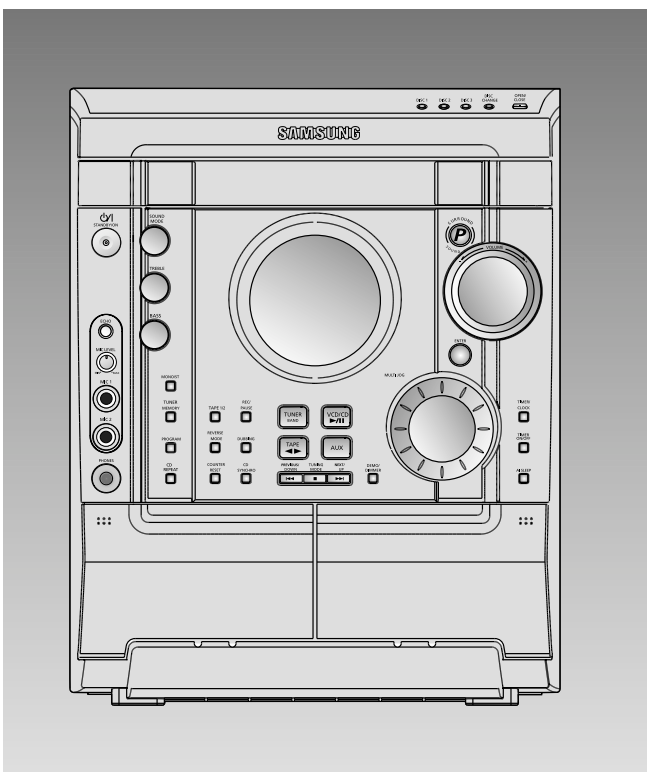
SAMSUNG

3 VCD CHANGER
MINI MINI COMPONENT
MAX-VJ650

SERVICE Manual

MIMI MIMI COMPONENT SYSTEM



CONTENTS

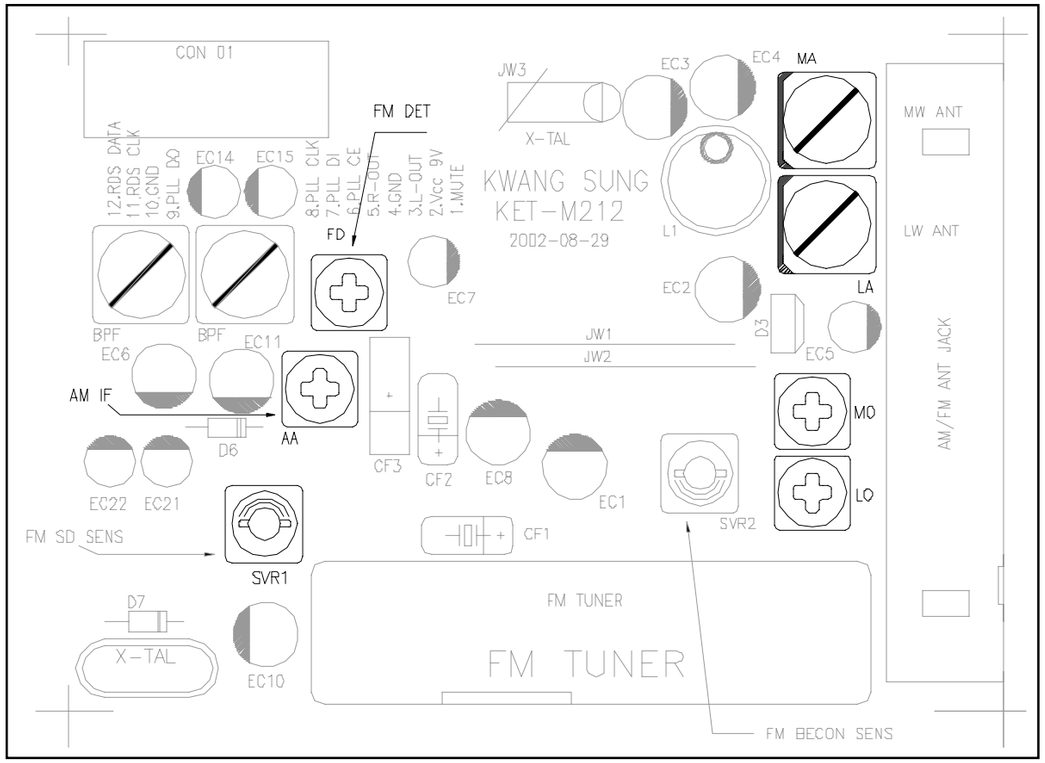
1. Alignment and Adjustments
2. Exploded Views and Parts List
3. Electrical Parts List
4. Block Diagrams
5. Wiring Diagram
6. Schematic Diagrams

- Confidential -

Notice !! You can search for the updated part code through ITSELF web site.
URL; http://itself.sec.samsung.co.kr

1. Alignment and Adjustments

1-1. Tuner



* Adjustment Location of Tuner PCB

ITEAM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment	LW OSC Adjustment	LW RF Adjustment
Received FREQ.	522~1611 KHz	594 KHz	146~290 KHz	150 KHz
Adjustment point	MO	MA	LO	LA
Output	1~7.0±0.5V	Maximum Output(Fig1-4)	2~7.0±0.5V	Maximum Output(Fig1-4)

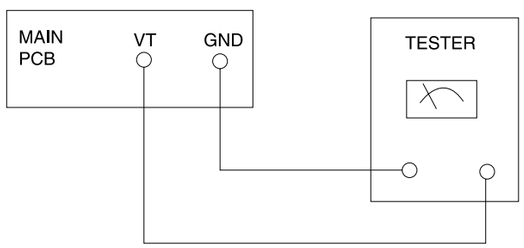


Fig 1-4 OSC Voltage

FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (FM DET)	FM DETECTOR COIL
Output	60 dB
Minumum Distortion (0.4% below) (Figure 1-1)	

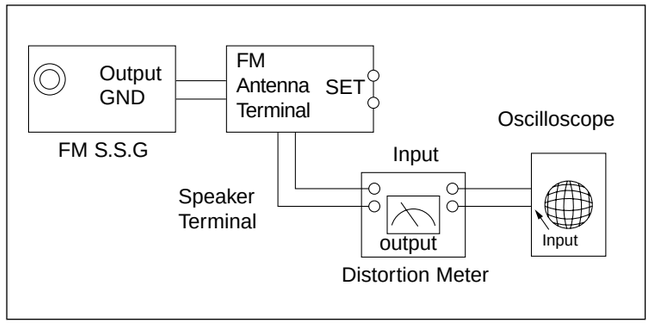


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	BEACON SENSITIVITY SEMI-VR(10KΩ)
Output	28 dB(±2dB)
Adjust SVR1 (Figure 1-2)	

*Adjust FM S.S.G level to 28dB

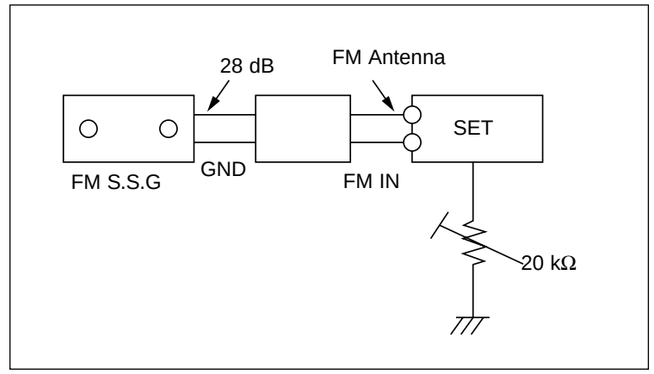


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point	AM IF
Maximum output (Figure 1-3)	

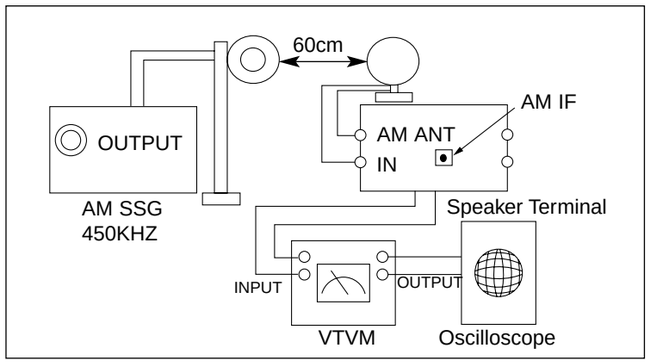


Figure1-3 AM I.F Adjustment

1-1-2 AM(MW),LW,SW1,SW2 Adjustment

	Circuit to be Adjusted	Measuring Instrument & Arrangement	Step	S.S.G Frequency	Radio dial Setting	Adjusting Point	Adjust for
AM (MW)	OSC	Connect AM signal generator to loop antenna,VTVM AND oscilloscope (Fig 1-3)	1	522KHz	522KHz	MW OSC	Adjust for 1.0V±0.1V at the low. (IR117)
			2	1611KHz	1611KHz	MW OSC	Check for 7.0V±1.0V at the high. (IR117)
	RF	"	1	594KHz	594KHz	MW ANT	Maximum out
	INTER FREQ	"	1	455KHz	522KHz	TL2	Maximum out
LW	OSC	Fig 1-3	1		146KHz	LW OSC	Adjust for 2.0V±0.1V at the low.
			2		290KHz	LW OSC	Check for 7.0V±1.0V at the high.
	RF		1	150KHz	150KHz	LW ANT	Maximum out
SW1	OSC	Fig 1-3	1		2.3MHz	SW1 OSC	Adjust for 1.0V±0.1V at the low.
			2		7.3MHz	-	Check for 8.5V±1.0V at the high.
	RF		1	3.5MHz	3.5MHz	SW1 ANT	Maximum out
SW2	OSC	Fig 1-3	1		9.5MHz	SW2 OSC	Adjust for 1.5V±0.1V at the low.
			2		26.1MHz	-	Check for 8.0V±1.0V at the high.
	RF		1	10MHz	10MHz	SW2 ANT	Maximum out

2. Cassette Deck

2-1. To Adjust Tape Speed

Notes

1) Measuring tape: i) MTT-111 (or equivalent)
(Tapes recorded with 3kHz)
ii) MTT-5512 (or equivalent)
2) Connect the SPK OUT of the MAIN PCB to the frequency counter as in figure 1-5.

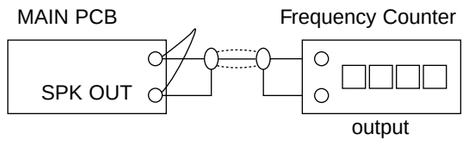


Figure 1-5

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	NOR SPEED Control	SPK OUT (connected to the frequency counter)	1) Deck 1:MTT-111 2) Press PLAY SW button 3) Deck 2:Same as above	Turn VSR1 to left and right (FRONT PCB)	3KHz	±1% range

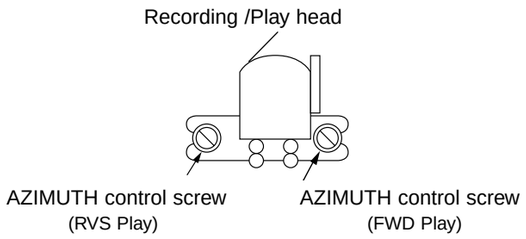


Figure 1-6

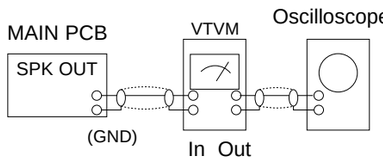


Figure 1-7

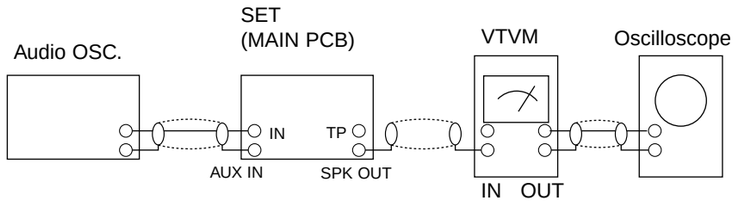


Figure 1-8

2-2. To Adjust PlayBack Level/REC

Notes

1) Before the actual adjustment, clean the play/recording head.
2) Measuring tape :
i) MTT-114N(or equivalent 10kHz AZIMUTH control)
ii) MTT-5512
3) The cassette deck is connections as shown in figure 1-7.

1. Adjust Deck 1 Play Level

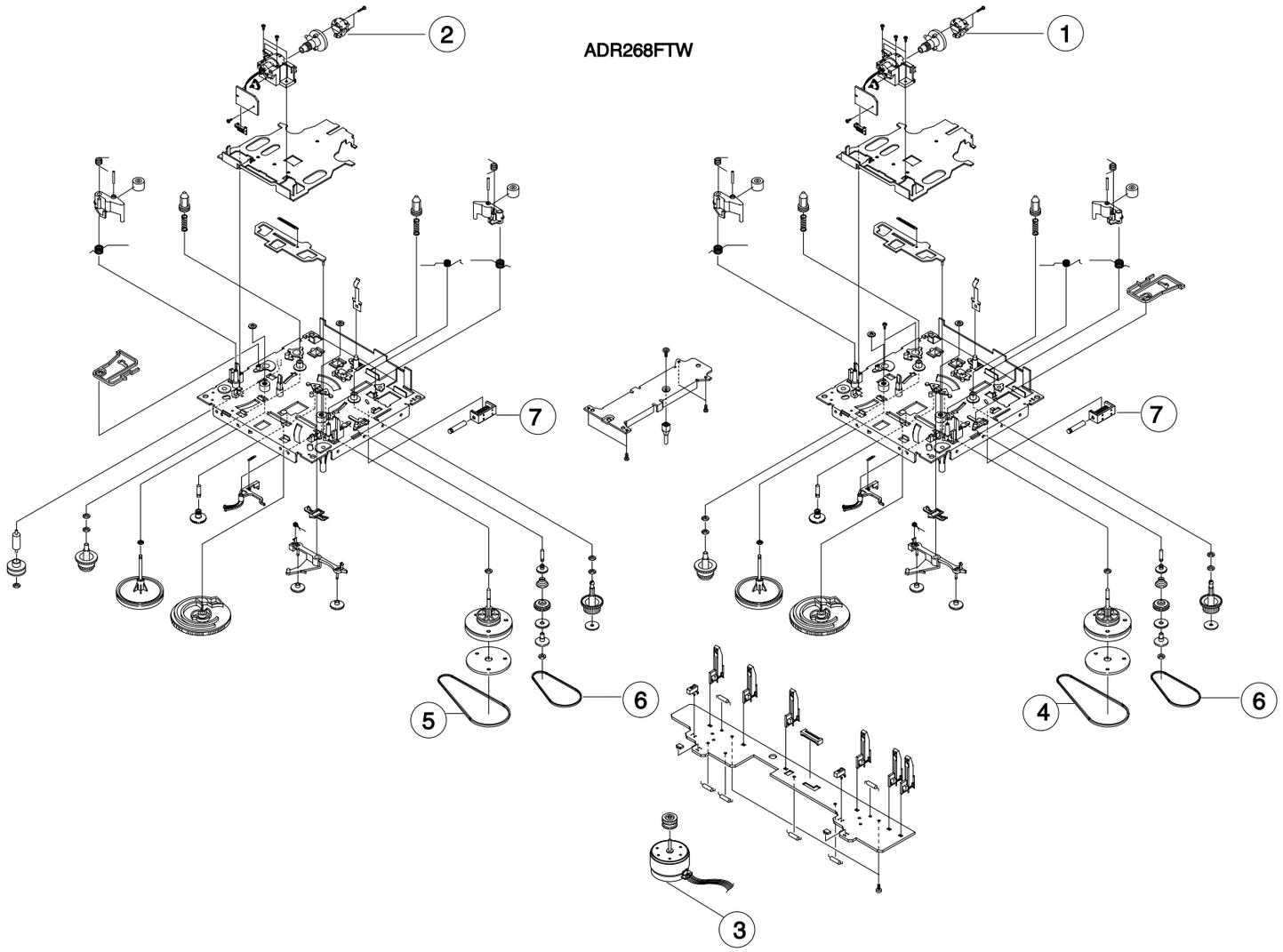
Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 1 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	Max output and same phase (both channels)	After adjustment secure it with REGION LOCK.

2. Adjust Deck 2 Play Level/ REC BIAS

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 2 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	MAX OUTPUT and same phase (both channels)	After adjustment secure it with REGION LOCK.
2	Recording Bias Voltage	Fig 1-8	After putting MTT-5512 into Deck 2 1) Press REC PLAY button. 2) TAPE PCB JCW3 ,connected to VTVM	- Turn JSR2L,JSR2R to the right and left	CHECK TO 7mV(±0.5mV)	

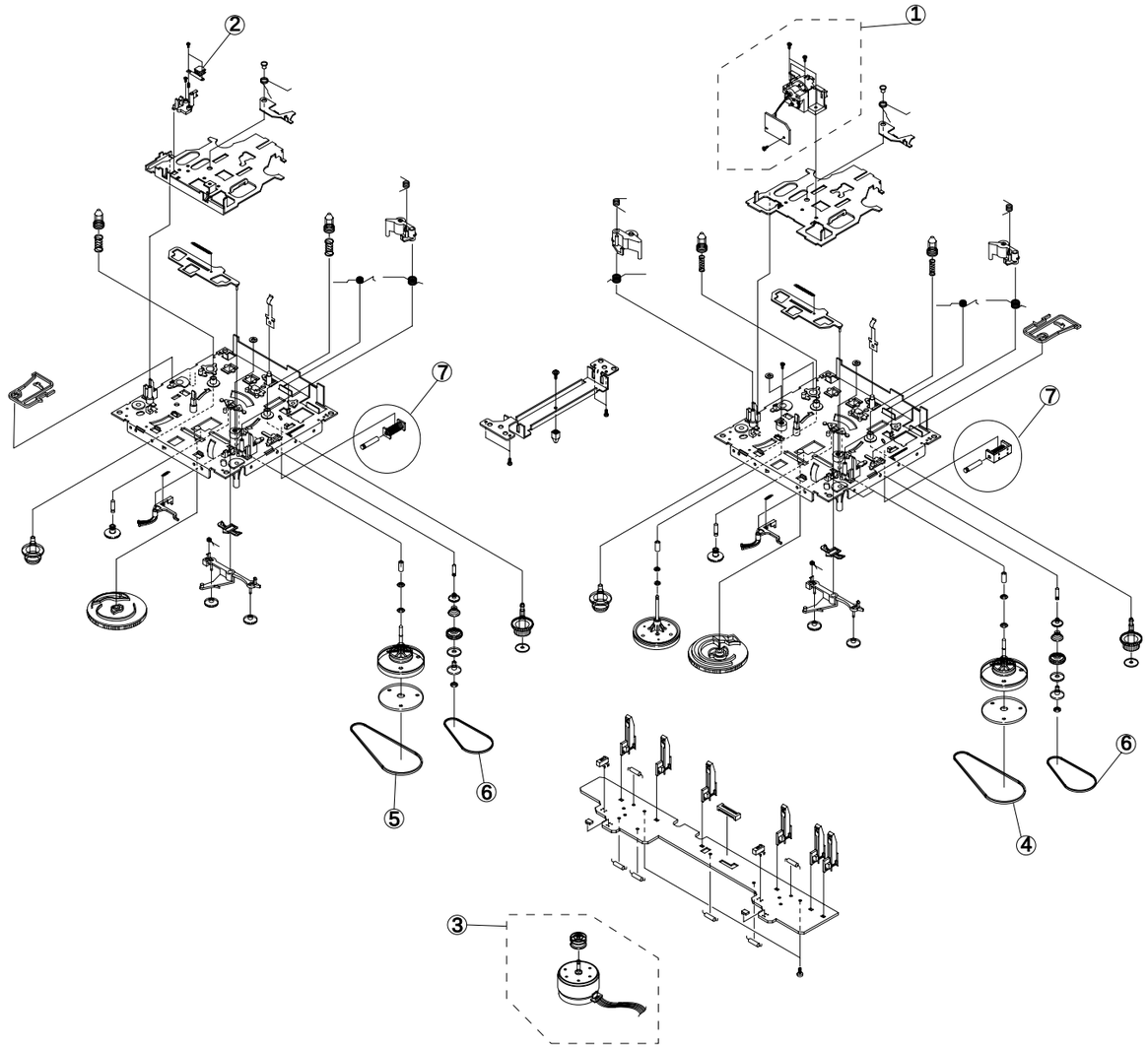
2.Exploded Views and Parts List

2-1-1 Cassette Deck :ADR268FTW1 (OPTION)



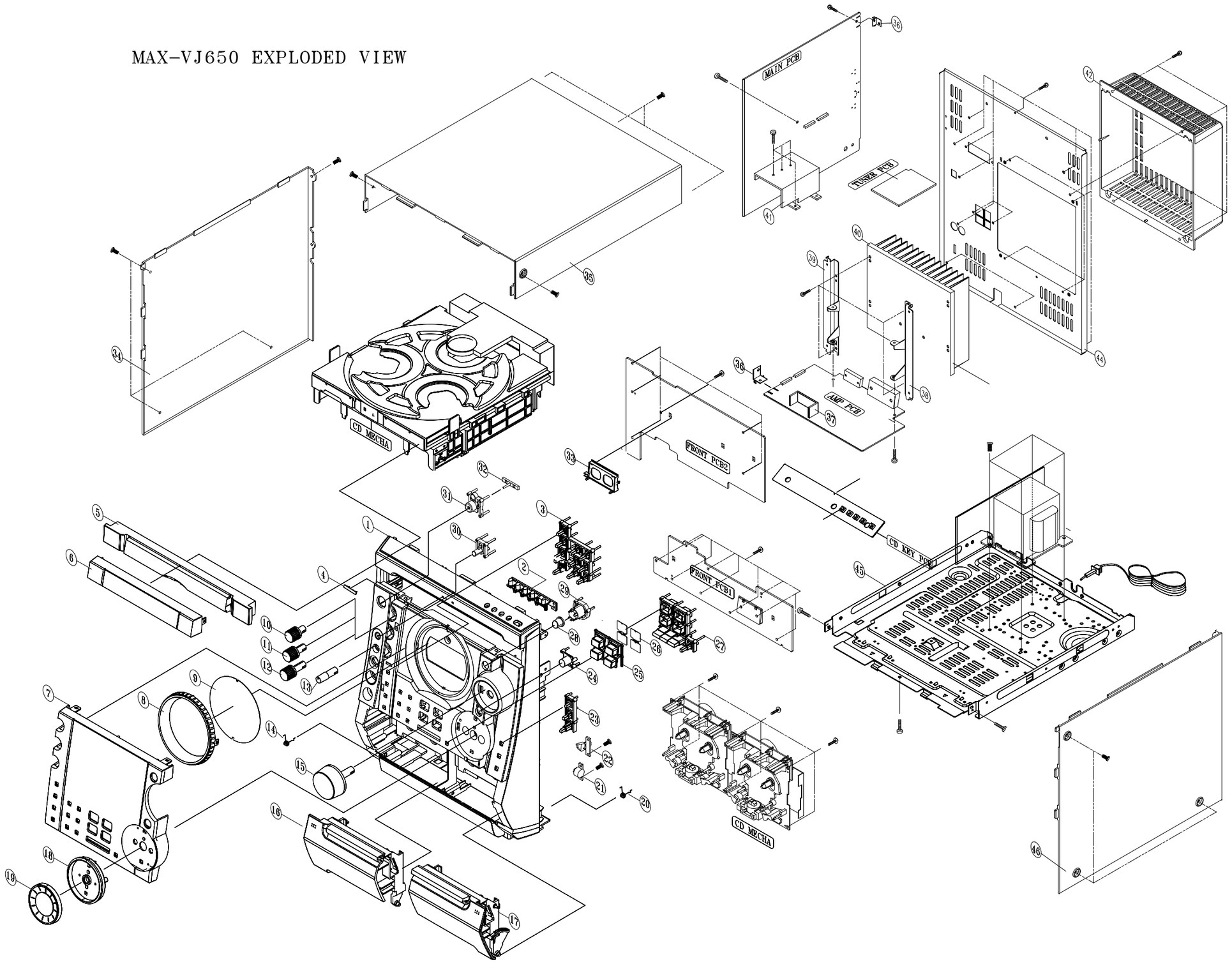
No.	Code No.	Description	Specification	Remarks
	AH59-01146A	DECK-CASSETTE	ADR268FTW1	
1	AH81-01030A	ASSY R/P HEAD	TR56R-AA2N1	MT91-11012W
2	AH81-01033A	ASSY P/B HEAD	DZK10P-122N3	MT91-11013C
3	AH81-00422A	ASSY MOTOR	ADR246DSW	MT91-15013Y
4	AH81-00364A	BELT MAIN1	ADR246DSW	6602-001056
5	AH81-00365A	BELT MAIN2	ADR246FTW	6602-001010
6	AH81-00101A	BELT SUB	34.1*1.1*1.1	6602-001055
7	AH81-00102A	SOLENOID	DAT-05A1	MT75-00049A

2-1-2 Cassette Deck :ADR268AMW1 (OPTION)



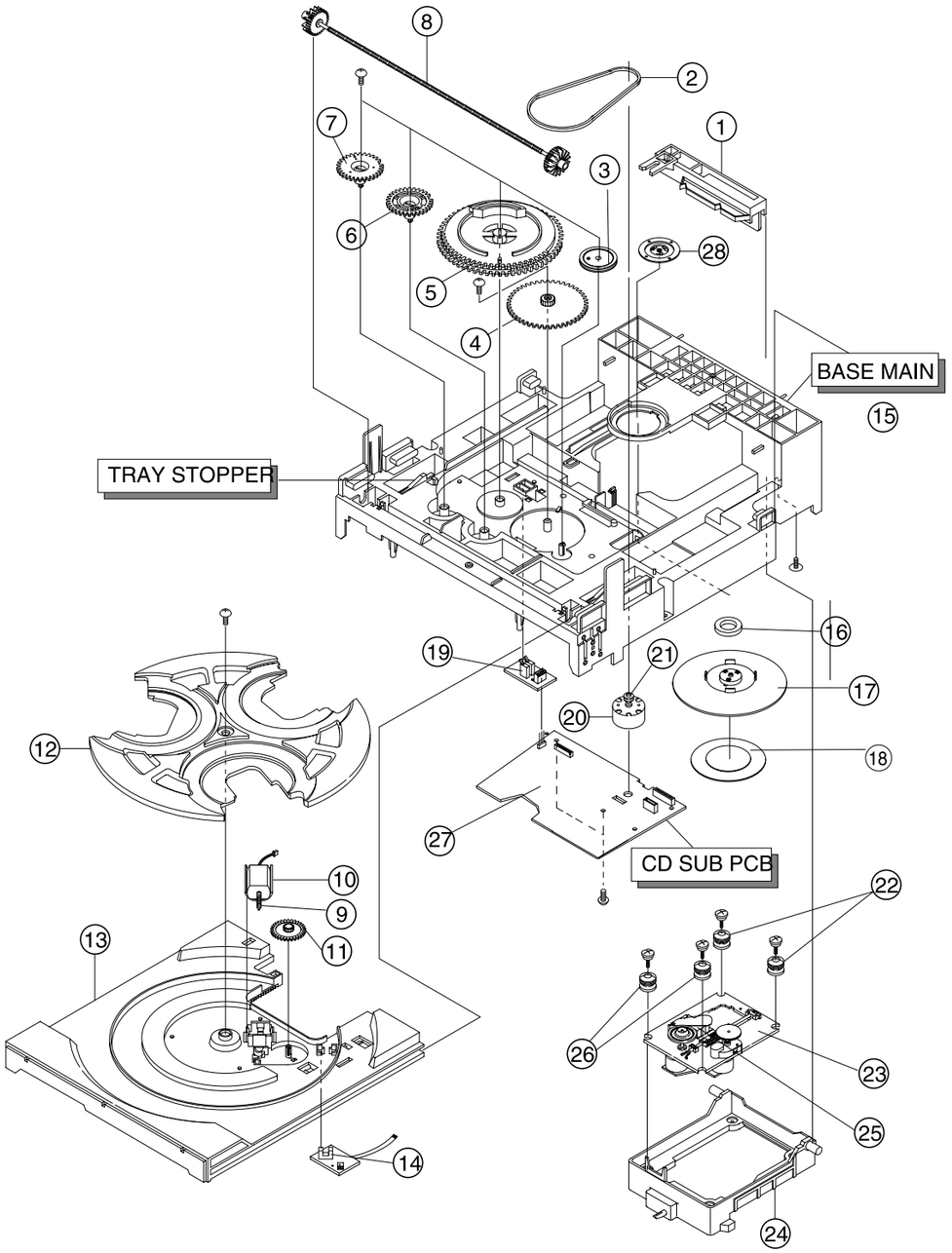
No.	Code No.	Description	Specification	Remarks
	AH59-01145A	DECK-CASSETTE	ADR268AMW1	
1	AH81-00368A	ASSY R/P HEAD	ADR2400 (SANKYO)	MT91-11010T
2	AH81-00141B	ASSY P/B HEAD	MK10P-AA2N3	MT59-00041V
3	AH81-00363A	ASSY MOTOR	ADR246DSW	MT91-15012J
4	AH81-00364A	BELT MAIN1	ADR246DSW	6602-001056
5	AH81-00365A	BELT MAIN2	ADR246DSW	6602-001057
6	AH81-00101A	BELT SUB	34.1*1.1*1.1	6602-001055
7	AH81-00102A	SOLENOID	DAT-05A1	MT75-00049A

2-2 Total Exploded View and Parts List



NO	CODE NO	PART NAME	Q'TY	REMARK
1	AH64-02744D	CABINET-FRONT	1	
2	AH64-02775C	KNOB-OPEN	1	
3	AH64-02773B	KNOB-STOP	1	
4	AH64-70003K	BADGE-SAMSUNG	1	
5	AH64-02763C	DOOR-CD	1	
6	AH64-02745F	WINDOW-CD	1	
7	AH64-02789F	WINDOW-FRONT	1	
8	AH64-02790B	DECO-VFD	1	
9	AH63-00683B	FILTER-VFD	1	
10	AH64-02791C	KNOB-ROTATE1	1	
11	AH64-02792C	KNOB-ROTATE2	1	
12	AH64-02793C	KNOB-ROTATE3	1	
13	AH64-02771C	KNOB-MIC	1	
14	AH61-00552B	SPRING-DOOR L	1	
15	AH64-02768B	KNOB-VOLUME	1	
16	AH64-02764E	DOOR-CASS L	1	
17	AH64-02765D	DOOR-CASS R	1	
18	AH64-02767C	DECO-JOG	1	
19	AH64-02769B	KNOB-JOG	1	
20	AH61-00553B	SPRING-DOOR R	1	
21	AH61-80030A	DAMPER-ASSY	2	
22	AH95-50001A	LACTH-ASSY	2	
23	AH64-02776B	KNOB-TIMER	1	
24	AH64-02774B	KNOB-ENTER	1	
25	AH67-00259D	LENS-FUNCTION	1	
26	AH63-00684A	FILTER-FUNCTION	2	
27	AH64-02779B	KNOB-FUNCTION	1	
28	AH67-00258B	LENS-P SOUND	1	
29	AH61-01513A	HOLDER-P SOUND	1	
30	AH64-02772C	KNOB-ECHO	1	
31	AH64-02770D	KNOB-POWER	1	
32	AH67-00255A	LENS-POWER	1	
33	AH61-01520A	HOLDER-VFD	1	
34	AH61-00900C	CABINET-SIDE L	1	
35	AH64-30443B	CABINET-TOP	1	
36	AH61-00685A	BRKT-PCB	2	
37	AH62-00102A	HEAT-SINK POWER	1	
38	AH61-00973A	BRKT/HEAT-SINK L	1	
39	AH61-00977A	BRKT/HEAT-SINK R	1	
40	AH62-00111A	HEAT-SINK MAIN	1	
41	AH62-00113A	HEAT-SINK TR	1	
42	AH61-00136A	COVER-REAR	1	
43	AH64-02777D	CABINET-REAR	1	
44	AH64-02840A	CABINET-BOTTOM	1	
45	AH61-00901C	CABINET-SIDE R	1	

2-3 CD Deck Exploded View and Parts list



No.	Code No.	Description	Specification	Remarks
1	AH66-80022A	SLIDER-CAM	ABS HF-380 NTR	
2	AH66-60034A	BELT-LOAD	CR	
3	AH66-20186A	GEAR-PULLEY	POM (M90-44) WHT	
4	AH66-20187A	GEAR-LOAD	POM (M90-44) BLK	
5	AH66-20188B	GEAR-CAM	POM (M90-44) WHT	
6	AH66-20189B	GEAR-TRAY	POM (M90-44) BLK	
7	AH66-20190B	GEAR-CONVERT	POM (M90-44) WHT	
8	AH66-20191A	GEAR-SYNCRO	ABS HF-380 NTR	
9	AH66-20192A	GEAR-WORM	POM(M90-44),M0.5,PCD4.5	
10	AH31-12001A	MOTOR-LOADING	FF-030PN-09120	
11	AH66-20193A	GEAR-ROULLETE	POM(M90-44) BLK	
12	AH63-00324A	TRAY-ROULLETE	ABS XR-401 BLK	
13	AH63-00325A	TRAY-DISC	ABS BLK	
14	AH32-10001F	SENSOR	KPI-L06	
15	AH61-00837A	BASE-MAIN	ABS,NATURAL,CMS-300	
16	3302-000159	MAGNET	AC,3500-3800G,2.6-3.2MGOe,30	
17	AH63-90053A	TABLE-CHUCK	ABS,+GF20%,BLK,	
18	AH63-00068B	SHEET-CHUCK	SHEET,HYMERON,BLK,0.4T	
19	3405-000101	SWITCH -MICRO	MLS-24	
20	AH31-10021A	MOTOR-DC	RF-500TB,9VDC/130MA	
21	AH66-10008A	PULLEY-MOTOR	POM,BLK,CMS-CR3	
22	AH73-10031A	RUBBER-CD(R)	SI,CMS-300,40,RED	
23	AH91-60150C	CDP DECK ASSY	CMS-D73SG6U	
24	AH66-30098A	LEVER-LIFTER	ABS BLK CMS-300	
25	AH30-00007A	PICK-UP	SOH-AD3	
26	AH73-10034A	RUBBER-CD(G)	SI,CMS-300,40,GREEN	
27	AH92-00922A	ASS?Y PCB	CD MAIN	
28	AH61-00225A	BRKT-CHUCK	SECL 0.8t	

3. Electrical Parts List

Location No.	Code no.	Description	Specifiation	Remarks
	AH26-00287G	TRANS POWER;-,MAX-VJ650,-,6:8,253/230/11		
	AH39-00257A	POWER CORD;Z-88,-,CP2,250V,2.5A,1830MM/1		
	AH39-00320C	CBF COAXIAL CABLE;MAX-L68,110REC,-,1007#		
	AH39-40001F	CABLE-RCA;1185#26,1.2M,BLK,2P,(RED/WHITE		
	AH39-40001G	CABLE-RCA;RCA,1200MM,AWG26,GRY,10MM,1P		
	AH40-00049A	TUNER-PACK ASSY;KST-MJ011SS1-50,FM/MW/SW		
	AH42-20001P	ANT LOOP;KS971120-01,-,18.5uH##10%,-,-		
	AH59-01265F	**REMOCON;MAX-VJ730,-,-,-,37,-,-,-,-,-,-**		
	AH59-01444B	**SPEAKER SYSTEM;PSVJ650E**		
	AH59-01361A	DECK;-,MAX-VJ650/730,-,-,-,-,-,-		
	AH92-02125A	**ASSY PCB-ASSY PCB;MAX-VJ730,-**		
EZD1	0403-000341	DIODE-ZENER;UZ3.3B,3.1-3.5V,500MW,DO-35,		
EZD2	0403-000344	DIODE-ZENER;UZ3.9B,3.7-4.1V,500MW,DO-35,		
EZD3	0403-000352	DIODE-ZENER;UZ4.7BM,4.4-5V,500MW,DO-35,T		
SZD1	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,		
SZD2	0403-000367	DIODE-ZENER;UZ7.5BSC,7.3-7.7V,500MW,DO-3		
SIC2	0904-001524	IC-DSP;5L9290,-,QFP,48P,472MIL,16.934		
SIC4	1003-001418	IC-MOTOR DRIVER;FAN8082,DIP,8P,-,-,1MA,S		
EIC2	1103-001304	IC-EEPROM;27C02,256Kx8,DIP,32P,41.91x15.		
EIC3	1105-001372	IC-DRAM;K4E151512D,1MX16BIT,SOJ,42P,40		
SIC1	1204-001799	IC-ASP;KB9226,LQFP,48P,393MIL,PLASTIC		
EIC1	1204-002163	IC-VIDEO PROCESS;ES3890F,PQFP,128P,20X14		
EX01	2801-003348	CRYSTAL-UNIT;27MHz,20ppm,28-AAM,20pF,20o		
SX01	2801-004186	CRYSTAL-UNIT;16.9344MHZ,30PPM,28-AAA,20P		
EIC2	3704-000472	SOCKET-IC;32P,DIP,SN,2.54mm		
CN06	3708-001131	CONNECTOR-FPC/FFC/PIC;5P,1.25MM,STRAIGHT		
CN04	3708-001388	CONNECTOR-FPC/FFC/PIC;16P,1MM,ANGLE,SN,N		
CON02	3708-001691	CONNECTOR-FPC/FFC/PIC;18P,1.25MM,ANGLE,S		
CN03	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN		
CN07	3711-003379	CONNECTOR-HEADER;NOWALL,3P,1R,2.5mm,STRA		
CN08	3711-003409	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,		
EIC4	AH14-10004R	IC;M74HCU04,SOP,TAPE 14P		
CN01	AH39-00060A	LEAD CONNECTOR ASSY;-,51015-08,51004-08,		
CN05	AH39-20561P	LEAD CONNECTOR ASSY;-,5295,PHR,6P,150mm,		
	AH62-30048A	HEAT SINK;PBSS,-,T0.8,-,-,-,KCD-11/22,-		
MTD1	0401-001090	DIODE-SWITCHING;1SS355,80V,100MA,SOD-323		
EQ05	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,		
SQ01	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,		
SQ04	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-		
SQ03	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-		
MQ1	0501-002375	TR-SMALL SIGNAL;KTC8050,NPN,625MW,TO-92,		
EQ04	0501-002375	TR-SMALL SIGNAL;KTC8050,NPN,625MW,TO-92,		
EQ02	0501-002375	TR-SMALL SIGNAL;KTC8050,NPN,625MW,TO-92,		
EQ01	0501-002375	TR-SMALL SIGNAL;KTC8050,NPN,625MW,TO-92,		
SQ02	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT		
SIC3	1003-001100	IC-MOTOR DRIVER;KA9259D,SOP,28P,184MIL,-		
ER32	2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608		
SR63	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		
SR17	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		
SR44	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR45	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR46	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR47	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR48	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR49	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR64	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER29	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER30	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER31	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER76	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
MCLK1	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER79	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
ER78	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		
SR58	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR57	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR56	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR55	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR43	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR41	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
SR37	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608		
ER81	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608		
SR67	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR66	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR65	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR40	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR39	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR38	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR36	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR35	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
ER63	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR34	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
SR33	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		
ER74	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
SR61	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
SR62	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
SR68	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
SR69	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER73	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER65	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER68	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER69	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER71	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
ER72	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		
SR16	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608		
SR21	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608		
SR15	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608		
SR13	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		
SR29	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608		
SR20	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		
SR04	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		
SR03	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		
SR02	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		
SR01	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		
SR19	2007-000101	R-CHIP;82Kohm,5%,1/10W,TP,1608		
SR18	2007-000101	R-CHIP;82Kohm,5%,1/10W,TP,1608		
SR52	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608		
SR51	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608		
SR28	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608		
SR25	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608		
ER70	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608		
SR27	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608		
SR24	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608		
SR06	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608		
SR05	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608		
SR32	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608		
SR31	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608		
ER58	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER57	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER56	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER55	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER54	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER53	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER52	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER36	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER88	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER60	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER59	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER32	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER33	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER34	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER35	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER43	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER42	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER41	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER40	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER39	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER38	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER37	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER44	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER51	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER50	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER49	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER48	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER47	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER46	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER45	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER17	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER16	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER15	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER14	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER13	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER12	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER11	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER18	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER25	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER24	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER23	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER22	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER21	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER20	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER19	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER10	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER01	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER26	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER27	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER28	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER29	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER30	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER31	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER02	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER09	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER08	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER07	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		

Location No.	Code no.	Description	Specifiation	Remarks
ER06	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER05	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER04	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER03	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		
ER61	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608		
ER62	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608		
ER82	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608		
ER83	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608		
SR07	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608		
SR54	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		
SR53	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		
MTR1	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		
SR23	2007-000130	R-CHIP;39Kohm,5%,1/10W,TP,1608		
SR12	2007-000132	R-CHIP;180Kohm,5%,1/10W,TP,1608		
SR08	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608		
ER84	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608		
SR10	2007-000455	R-CHIP;18Kohm,1%,1/10W,TP,1608		
SR09	2007-001026	R-CHIP;560Kohm,5%,1/10W,TP,1608		
ER85	2007-001042	R-CHIP;56ohm,1%,1/10W,TP,1608		
SR14	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608		
SR11	2007-001196	R-CHIP;820Kohm,5%,1/10W,TP,1608		
SC04	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,1608,-		
SC30	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC31	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC36	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC29	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC18	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC16	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC15	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC61	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC59	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC58	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC55	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC52	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC51	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC37	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC13	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC11	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC10	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC09	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC06	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC03	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC01	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
MC7B	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC22	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC19	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC18	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC17	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC16	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
EC15	2203-000189	C-CER,CHIP;100nF+80-20%,25V,Y5V,TP,1608		
SC07	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608		
SC38	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC41	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC49	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC50	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC62	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC35	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC03	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC11	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC21	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC32	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608		
SC17	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-		
SC12	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-		
SC02	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-		
SC26	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1608,-		
EC04	2203-000681	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,1608		
EC05	2203-000681	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,1608		
SC43	2203-000681	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,1608		
SC44	2203-000681	C-CER,CHIP;0.027NF,5%,50V,C0G,TP,1608		
SC08	2203-000697	C-CER,CHIP;0.002NF,0.25PF,50V,C0G,TP,160		
SC56	2203-000851	C-CER,CHIP;0.039NF,5%,50V,C0G,TP,1608		
SC24	2203-001063	C-CER,CHIP;56nF,10%,16V,X7R,TP,1608,-		
SC22	2203-001140	C-CER,CHIP;68nF,10%,16V,X7R,TP,1608		
SC42	2203-001222	C-CER,CHIP;0.82NF,10%,50V,X7R,TP,1608		
SC27	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,-,1608		
SC05	2203-001634	C-CER,CHIP;33nF,10%,50V,X7R,TP,1608,1.6m		
SC19	2203-001634	C-CER,CHIP;33nF,10%,50V,X7R,TP,1608,1.6m		
SC28	2203-001634	C-CER,CHIP;33nF,10%,50V,X7R,TP,1608,1.6m		
SC25	2203-001640	C-CER,CHIP;0.39nF,10%,50V,X7R,TP,1608		
SC01	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
SC34	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
SC47	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
SC48	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
SC46	2401-000419	C-AL;10UF,20%,16V,GP,-,5X11,5		
SC45	2401-000419	C-AL;10UF,20%,16V,GP,-,5X11,5		
SC40	2401-000419	C-AL;10UF,20%,16V,GP,-,5X11,5		
SC23	2401-000419	C-AL;10UF,20%,16V,GP,-,5X11,5		
SC09	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m		
SC09A	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m		
SC09B	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m		
EC21	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5		
SC20	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5		
SC06	2401-001324	C-AL;0.47UF,20%,50V,GP,BK,3X5,2.5		

Location No.	Code no.	Description	Specifiation	Remarks
MCE1B	2401-001355	C-AL;470uF,20%,10V,GP,TP,8x11.5mm,5		
EC14	2401-001355	C-AL;470uF,20%,10V,GP,TP,8x11.5mm,5		
EC07	2401-001355	C-AL;470uF,20%,10V,GP,TP,8x11.5mm,5		
SC57	2401-001364	C-AL;470uF,20%,16V,GP,TP,10x12.5,5		
SC60	2401-001364	C-AL;470uF,20%,16V,GP,TP,10x12.5,5		
EC02	2401-001474	C-AL;47uF,20%,10V,GP,TP,6.3x7,5		
EC12	2401-001474	C-AL;47uF,20%,10V,GP,TP,6.3x7,5		
SC14	2401-001627	C-AL;6.8uF,20%,50V,GP,TP,6.3x7,2.5m		
SC39	2401-001895	C-AL;100uF,20%,16V,GP,TP,6.3x11,2.5		
EL03	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL04	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL05	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL06	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL11	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL12	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL13	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL14	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL02	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
EL01	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115ohm/1		
	AH41-00727A	PCB MAIN;MAX-VJ730,EPOXY,2,-,1T,134X132		
	AJ59-20150F	**DECK-LDP;CVM55R2/EXP,-,-,-,-**		
	3405-000101	SWITCH-MICRO;1.6V,1A,70gf,SPST		
	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN		
	AH31-10021A	MOTOR-DC;RF-500TB,9VDC/130mA,		
	AH31-12001A	MOTOR-LOADING;FF-030PN-09210		
	AH91-60150C	ASSY CDP DECK;CMS-D73SG6(U)/JVC,CMS-300D		
	3409-001078	SWITCH-LEAF;16Vdc,500mA,10gf,SPST		
	AH30-00007A	PICK UP;SOH-AD3,-,-,-,100*80*45,D73SG6		
	AH92-02039A	**ASSY PCB-AMP;MM-ZJ650,-**		
ABD1	0402-001258	DIODE-BRIDGE;GBU606,600V,6A,SIP-4,BK		
AIC3	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		
AIC1	1201-001963	IC-POWER AMP;STK403-100,SIP,14P,67X25.5M		
AR85	2003-000455	R-METAL OXIDE(S);100ohm,5%,2W,AA,TP,4x12		
AR86	2003-000701	R-METAL OXIDE(S);470ohm,5%,2W,AA,TP,4x12		
AR24	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x		
AR25	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x		
AR55	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x		
AR56	2009-000018	R-METAL PLATE;0.22ohm,10%,5W,CL,TP,5x14x		
AE12	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm		
AE8	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm		
AE9	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm		
C1	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm		
AE10	2401-000230	C-AL;100uF,20%,100V,GP,TP,12.5x20mm		
AE14	2401-000871	C-AL;220uF,20%,50V,GP,-,10x16mm,5mm		
AE5	2401-003381	C-AL;3300uF,20%,63V,GP,BK,22x40,10		
AE6	2401-003381	C-AL;3300uF,20%,63V,GP,BK,22x40,10		
ARL1	3501-001197	RELAY-MINIATURE;12VDC,0.54W,44.4MA,1FORM		
ACW1	3710-001422	CONNECTOR-SOCKET;12P,1R,2mm,ANGLE,SN		
ACW2	3710-001422	CONNECTOR-SOCKET;12P,1R,2mm,ANGLE,SN		
ACW3	3711-003359	CONNECTOR-HEADER;BOX,10P,1R,2.5mm,STRAIG		
SPK	3716-001179	TERMINAL-BLOCK;SOLDER,4P,6.3MM,60V,7A		
AL20L	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-		
AL20R	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-		
AL21L	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-		
AL21R	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-		
HS1	AH62-00102A	HEAT SINK-,POWER;MAX-VS990,AL EXTR 2.0T,		
HS2	AH62-00111A	HEAT SINK-,M;MAX-ZJ650,AL ,-,-,-,-,-,-		
AD7	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD8	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD9	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD104	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD10	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD5	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD4	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD3	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD2	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD11	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD6	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
AD16	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
AD15	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
AD14	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
AD13	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
AD12	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
AZD1	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,		
AZD2	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,		
AZD4	0403-000380	DIODE-ZENER;UZP13B,12.4-14.1V,1000MW,DO-		
AZD5	0403-000392	DIODE-ZENER;UZP4.7B,4.4-5V,1000MW,DO-41,		
AZD3	0403-000509	DIODE-ZENER;MTZJ5.6B,5.4-5.7V,500MW,DO-3		
AZD7	0403-000564	DIODE-ZENER;TZP16A,15.3-17.1V,1000MW,DO-		
AZD6	0403-000564	DIODE-ZENER;TZP16A,15.3-17.1V,1000MW,DO-		
AZD8	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		
AQ17	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92		
AQ13B	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T		
AQ3A	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T		
AQ18	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
AQ2	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9		
AQ2L	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9		
AQ2R	0501-000331	TR-SMALL SIGNAL;KSC1009-Y,NPN,800mW,TO-9		
AQ13B	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		

Location no	Code no.	Description	Specifiation	Remarks
AQ13A	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
AQ5L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
AQ5R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
AQ1R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
AQ10	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
AQ1L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
AQ9	0504-000145	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-		
AQ992	0504-000145	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-		
AR4	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR60	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM		
AR52	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M		
AR78	2001-000038	R-CARBON;390OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR3	2001-000110	R-CARBON;10OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR26R	2001-000110	R-CARBON;10OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR26L	2001-000110	R-CARBON;10OHM,5%,1/4W,AA,TP,2.4X6.4MM		
AR88	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR22R	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR22L	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AE24	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR67	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR93	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M		
ARU01	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR5	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR45	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR44	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR2	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR1A	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR1	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR63	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR73L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR62	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR52R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR52L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR37RB	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR37R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR37LB	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR37L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR73R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR92	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR37RA	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR37LA	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR68	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR97	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR96	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR95	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR53R	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR53L	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR79	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR87	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR72R	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR71L	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR7	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR55R	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR55L	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR8	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR90	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
\R61	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR6	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR47	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR16	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR10	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR01A	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR91	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR49	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR46	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR54R	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR54L	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR12	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR11	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR9	2001-000850	R-CARBON;560KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR23L	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR23R	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR42L	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR42R	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR75L	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR75R	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR89	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR94	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR40R	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR40L	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR84	2001-001153	R-CARBON(S);47OHM,5%,1/2W,AA,TP,2.4X6.4M		
AR83	2001-001153	R-CARBON(S);47OHM,5%,1/2W,AA,TP,2.4X6.4M		
AR14	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4		
AR13	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4		
AR64	2003-000008	R-METAL OXIDE(S);100ohm,5%,1W,AA,TP,3.3x		
AR65	2003-000008	R-METAL OXIDE(S);100ohm,5%,1W,AA,TP,3.3x		
AR80	2003-000009	R-METAL OXIDE(S);220ohm,5%,1W,AA,TP,3.3x		
AR27L	2003-000689	R-METAL OXIDE(S);4.7ohm,5%,1W,AA,TP,3.3x		
AR27R	2003-000689	R-METAL OXIDE(S);4.7ohm,5%,1W,AA,TP,3.3x		
AC21R	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
AC610	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.		
AC609	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.		
AC24L	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.		

Location no	Code no.	Description	Specifiation	Remarks
AC23L	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.		
AC20R	2201-000557	C-CERAMIC,DISC;0.47NF,10%,50V,SL,TP,8X3.		
AC20L	2201-000557	C-CERAMIC,DISC;0.47NF,10%,50V,SL,TP,8X3.		
AC38	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,-,-12.5x4m		
AC22R	2201-000838	C-CERAMIC,DISC;0.003NF,0.25PF,50V,C0G,TP		
AC22L	2201-000838	C-CERAMIC,DISC;0.003NF,0.25PF,50V,C0G,TP		
AC21L	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
AC25R	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC25L	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC41	2301-000412	C-FILM,LEAD-PEF;22nF,10%,50V,TP8x12x4mm		
AC95A	2301-000445	C-FILM,LEAD-PEF;4.7nF,5%,50V,TP,5.5x7x3m		
AE4	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5		
AE21R	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
AE21L	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
AE1	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		
AE11	2401-000357	C-AL;100uF,20%,50V,GP,-,8x11.5,3.5m		
AE3	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5		
AE15	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE18	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE22L	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE22R	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE23	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE25	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm		
AE7	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
AE20R	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
AE20L	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
AE13	2401-000830	C-AL;220uF,20%,25V,GP,TP,8x11.5,5		
AE17	2401-000914	C-AL;22uF,20%,16V,GP,TP,5x11,5		
AE1	2401-001895	C-AL;100uF,20%,16V,GP,TP,6.3x11,2.5		
AE19	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm		
AMP-PCB	AH41-00663A	PCB-FRONT;MAX-ZJ650,PENOL,1 LAYER,-,-,24		
	AH92-02193B	**ASSY PCB-MAIN;MAX-VJ650,-**		
PIC11	0904-001621	IC-I/O CONTROLLER;PT8300,16BIT,SOP,28P,3		
KIC1	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		
FIC1	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		
DVIC1	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		
DIC1	1201-001899	IC-PREAMP;HA12237F,QFP,40P,7X7MM,-,-,PLA		
PIC2	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P,-,PLAS		
PIC4	1203-000276	IC-POSI.FIXED REG.;7805,TO-220,3P,-,PLAS		
PIC3	1203-000299	IC-POSI.FIXED REG.;7809,TO-220,3P,-,PLAS		
PIC1	1203-001006	IC-POSI.FIXED REG.;78R05,TO-220F,4P,-,PL		
KIC2	1204-001730	IC-ECHO;M65855P,DIP,16P,300MIL,PLASTIC		
FIC1	1204-002219	IC-SOUND PROCESSOR;BD3872FS,SOP,32P,13.6		
PR8	2003-000473	R-METAL OXIDE(S);10ohm,5%,3W,AA,TP,6x16m		
PR8	2003-000690	R-METAL OXIDE(S);4.7ohm,5%,2W,AA,TP,4x12		
PPC1	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X		
PPC2	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X		
PC7	2401-003116	C-AL;4700uF,20%,35V,-,BK,18X35.5,7.		
SL1	3408-000177	SWITCH-SLIDE;250V,5A,DPDT,<ON>-OFF-<ON>		
PPF2	3601-000216	FUSE-CARTRIDGE;250V,2.5A,TIME-LAG,GLASS,		
PPF7	3601-000248	FUSE-CARTRIDGE;250V,2A,TIME-LAG,GLASS,5x		
FSR1	3601-000414	FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5		
FSR2	3601-000414	FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5		
FSR3	3601-000414	FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5		
TCW1	3708-000412	CONNECTOR-FPC/FFC/PIC;12P,1.25MM,ANGLE,-		
MCW1	3708-001195	CONNECTOR-FPC/FFC/PIC;27P,1.25MM,STRAIGH		
PPCW2	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRA		
MCON2	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5MM,STRAIGH		
DCW1	3711-001054	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH		
MCW2	3711-002809	CONNECTOR-HEADER;BOX,8P,1R,2mm,STRAIGHT,		
CW01	3711-002809	CONNECTOR-HEADER;BOX,8P,1R,2mm,STRAIGHT,		
DCW3	3711-003107	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH		
DCW2	3711-003409	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,		
AW01	3711-004110	CONNECTOR-HEADER;3WALL,12P,1R,2MM,STRAIG		
AW02	3711-004110	CONNECTOR-HEADER;3WALL,12P,1R,2MM,STRAIG		
AJACK	3722-000377	JACK-PIN;4P/2C,3.5mm,SN,BLK,#16~22		
LJACK	3722-000377	JACK-PIN;4P/2C,3.5mm,SN,BLK,#16~22		
DL4	AH26-00227A	TRANS RF;-,-,-,-,-,-,105KHZ,7.6 X 7.6,-		
DL2	AH26-10002W	TRANS TRAP-COIL;BIAS-TRAP105K,BIAS-TRAP,		
DL1	AH26-10002W	TRANS TRAP-COIL;BIAS-TRAP105K,BIAS-TRAP,		
PPL2	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,-,DR(6.5*7.5),-,		
PPL1	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,-,DR(6.5*7.5),-,		
VJACK1	AH37-00005A	JACK?RCA;1P,S-440B,YELLOW,-,SHIELD PLAT		
PCW1	AH39-00338A	LEAD CONNECTOR ASSY;MX-G65V,#1007,22AWG,		
VCW1	AH39-00347A	LEAD CONNECTOR ASSY;-,-,-,2P,-,-,-,5295,		
HS3	AH62-00113A	HEAT SINK-TR;MAX-ZJ650,AL ,3.0,-,-,-,-,-		
	AH81-01327X	A/S PART-POWER;MM-ZJ650,POWER PCB ASS?Y,		
	AH81-01327Z	A/S PART-MAIN;MM-ZJ650,MAIN PCB ASS?Y,-,		
KD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
KD2	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
VD1A	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
VD2A	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
FD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
ED1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
DD2A	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
DD1A	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
DD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
PPD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
PD5	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
MJ61	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
ED2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
PD4	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T		

Location No.	Code no.	Description	Specifiation	Remarks
PD3	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T		
PD1	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T		
FZD2	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,		
KZD1	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,		
FREE	0403-000393	DIODE-ZENER;UZP5.1B,4.8-5.4V,1000MW,DO-4		
FZD1	0403-000396	DIODE-ZENER;UZP6.8B,6.4-7.2V,1000MW,DO-4		
TZD1	0403-000399	DIODE-ZENER;UZP9.1B,8.5-9.6V,1000MW,DO-4		
DQ9	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		
DQ8	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		
DQ7	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		
DQ6	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		
PQ5	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
PQ2A	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
DQ4	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-		
FQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
PQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
PQ4	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
DVQ2	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
DVQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
DQ2	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
KQ2	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9		
DQ3	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2		
KQ3	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
KQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
LQ1	0504-000145	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-		
FREE	0504-000145	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-		
DQ5	0504-000145	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-		
KR28	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR9	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR8	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DSR2	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DSR1	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
PR5	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M		
FR11	2001-000027	R-CARBON;100OHM,5%,1/4W,AA,TP,2.4X6.4MM		
KR22	2001-000118	R-CARBON(S);180OHM,5%,1/2W,AA,TP,2.4X6.4		
JW103	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR25	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR24	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR2A	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR1	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR2	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR3	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR6	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR19	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR27	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR1	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR17	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR2	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR26	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR4	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR3	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR20	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR23	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR26	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR30	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR12A	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR24	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR9	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
ER1	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
ER2	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR1A	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR9	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR11	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR18	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2M		
TR9	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
TR12	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
CR1	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
CR2	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
MJ64	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR2	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR13	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR10	2001-000435	R-CARBON;1MOHM,5%,1/8W,AA,TP,1.8X3.2MM		
PR2	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
PR3	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
PR7	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
LR01A	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
CR7	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR2	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR6	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR13	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR3	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR14	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR29	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR21	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR11	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR5	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR25	2001-000548	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR24	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR7	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FREE	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR12	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR15	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		

Location No.	Code no.	Description	Specifiation	Remarks
KR7	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR8	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR5	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR20	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR10	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR7	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
ER3	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR2	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR4	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FREE	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR28A	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR21	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR13	2001-000645	R-CARBON;330KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR2	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR13	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR7	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR14	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR6	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR7	2001-000689	R-CARBON;390KOHM,5%,1/8W,AA,TP,1.8X3.2M		
AR8	2001-000689	R-CARBON;390KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR12	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR22	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR27	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
PR1	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
PR1A	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
PR8	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
TR10	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
TR11	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR83	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR15	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR16	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR22	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR25	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR18	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR5	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR29	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR28	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR14	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR13	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2M		
FR23	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2M		
KR3A	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR3	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR6	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
VR15	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
VR4	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR11	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR11	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR3	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
AR4	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR19	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR19	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		
AR5	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		
TR4	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR21	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
FR20	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR6	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
DVR6	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DVR01	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR37	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR34	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR35	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR36	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR33	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR32	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR31	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
DR30	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR4	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR5	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM		
KR19	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR8	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR27	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR26	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR12	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
DR18	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4		
DR23	2008-000140	R-FUSIBLE;2.2ohm,5%,1/2W,AA,TP,3.5x9.4mm		
KC4	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
KC3	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
DC29	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
DC1	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
DC18	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
DC19	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
FC3	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
FC6	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
KC7	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
KC8	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
VC4	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
VC7	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
AC1	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
AC2	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
AC3	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
AC4	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
DC17	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		
DC33	2201-000368	C-CERAMIC,DISC;0.22NF,10%,50V,SL,TP,6.5X		

Location no	Code no.	Description	Specifiation	Remarks
KC13	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.		
KC18	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5		
TC3	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC4	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC5	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC6	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC7	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC9	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
CJW2A	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
DD2ASIDE	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
FC1A	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
FC38	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
FC39	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
MJW71A	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP		
TC20	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
EMC2	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3		
KC20	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,		
KC17	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,		
VC7	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
VC4	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
FREE	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
EMC4	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
DVC1A	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
DVC9	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
EMC3	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
KC19	2202-000809	C-CERAMIC,MLC-AXIAL;3.3nF,20%,16V,Y5R,-,		
KC10	2202-000829	C-CERAMIC,MLC-AXIAL;0.82NF,10%,50V,Y5P,T		
KC16	2202-000854	C-CERAMIC,MLC-AXIAL;47nF,30%,50V,Y5R,TP,		
KC15	2202-000854	C-CERAMIC,MLC-AXIAL;47nF,30%,50V,Y5R,TP,		
DC23	2301-000370	C-FILM,LEAD-PEF;1.8nF,10%,50V,TP,5.5x12x		
DC22	2301-000370	C-FILM,LEAD-PEF;1.8nF,10%,50V,TP,5.5x12x		
DC25	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
DC26	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
DC7	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
KC2	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
KC5	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC5	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC6	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC7	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
AC8	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
DC10	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x		
DC24	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
KC11	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
KC12	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
DC11	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
AC13	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
AC11	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5		
KC4A	2301-000387	C-FILM,LEAD-PEF;150nF,10%,50V,TP,12.5x15		
KC1A	2301-000387	C-FILM,LEAD-PEF;150nF,10%,50V,TP,12.5x15		
DC16	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x		
DC15	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x		
DC14	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x		
AC9	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x		
AC10	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x		
DC13	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x		
DC12B	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x		
DC12A	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x		
FREE	2301-000412	C-FILM,LEAD-PEF;22nF,10%,50V,TP,8x12x4mm		
KC13	2301-000445	C-FILM,LEAD-PEF;4.7nF,5%,50V,TP,5.5x7x3m		
PC3	2301-000449	C-FILM,LEAD-PEF;47nF,10%,50V,TP,9.5x12.5		
PC4	2301-000449	C-FILM,LEAD-PEF;47nF,10%,50V,TP,9.5x12.5		
KC14	2301-000474	C-FILM,LEAD-PEF;8.2nF,10%,50V,TP,6.5x12x		
HPC8	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
KCAA	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		
FREE	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5		
DC30	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7,5		
KC3A	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		
KC21	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		
FREE	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
FC9	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
FC8	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
DC20	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
FC22	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
FC23	2401-000588	C-AL;1uF,20%,50V,GP,TP,3x5,2.5		
DVC2	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DVC2A	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DVC3	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DVC5	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
FC18	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
FC19	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC9	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
AC12	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC27	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC28	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC34	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC6	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
DC8	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
FREE	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m		
DC2	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m		
KC22	2401-000914	C-AL;22uF,20%,16V,GP,TP,5x11,5		
FC36	2401-001020	C-AL;3.3UF,20%,50V,GP,TP,4X7,5		
FC35	2401-001020	C-AL;3.3UF,20%,50V,GP,TP,4X7,5		
FC34	2401-001020	C-AL;3.3UF,20%,50V,GP,TP,4X7,5		

Location no	Code no.	Description	Specifiation	Remarks
FC1	2401-001020	C-AL;3.3UF,20%,50V,GP,TP,4X7,5		
DC36	2401-001020	C-AL;3.3UF,20%,50V,GP,TP,4X7,5		
AC15	2401-001080	C-AL;330nF,20%,50V,GP,-,5x11,2mm		
DC4	2401-001102	C-AL;330uF,20%,16V,GP,TP,8x11.5mm,5		
AC14	2401-001164	C-AL;33uF,20%,16V,GP,TP,5x11mm,5mm		
CC5	2401-001164	C-AL;33uF,20%,16V,GP,TP,5x11mm,5mm		
DC32	2401-001508	C-AL;47uF,20%,16V,GP,TP,6.3x5,5		
DC21	2401-001508	C-AL;47uF,20%,16V,GP,TP,6.3x5,5		
DC12	2401-001508	C-AL;47uF,20%,16V,GP,TP,6.3x5,5		
KC23	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5		
FREE	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5		
FC5	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5		
FREE	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm		
FC4	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm		
FC33	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm		
FC25	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm		
FC2	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm		
FREE	2401-002594	C-AL;220uF,20%,16V,GP,TP,8x11.5,5		
DL3	2701-000298	INDUCTOR-AXIAL;470uH,10%,4298		
PPF7	3602-000147	FUSE-CLIP;250V,7.5A,30mohm		
PPF2	3602-000147	FUSE-CLIP;250V,7.5A,30mohm		
PPF1	3602-000147	FUSE-CLIP;250V,7.5A,30mohm		
	AH41-00659A	PCB;MAX-VJ730/ZJ650,####,1 LAYER,-		
	AH92-02194A	**ASSY PCB-FRONT MANU;MAX-VJ650,-**		
	0609-001189	MODULE REMOCON;HORIZONTAL,16.4MM,TR		
IC4	1201-001572	IC-PREAMP;2011,SIP,7P,17MIL,SINGLE,47,PL		
UVR6	2101-001052	VR-ROTARY;10KOHM,10%,0.05W,TOP		
UX1	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAY,12.5		
UX2	2802-001174	RESONATOR-CERAMIC;10MHZ,0.5%,BK,8X3.5X3M		
UVR1	3406-001047	SWITCH-ROTARY;5V DC,0.5mA,-,12mm		
UVR2	3406-001050	SWITCH-ROTARY;5V DC,0.5mA,click,12mm		
UVR3	3406-001050	SWITCH-ROTARY;5V DC,0.5mA,click,12mm		
UVR4	3406-001050	SWITCH-ROTARY;5V DC,0.5mA,click,12mm		
UVR5	3406-001050	SWITCH-ROTARY;5V DC,0.5mA,click,12mm		
CON5	3708-000178	CONNECTOR-FPC/FFC/PIC;16P,1.25MM,ANGLE,S		
MCW28	3708-001195	CONNECTOR-FPC/FFC/PIC;27P,1.25MM,STRAIGH		
UCW2	3708-001946	CONNECTOR-FPC/FFC/PIC;18P,1.25MM,STRAIGH		
CON26	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5MM,STRAIGH		
UCW7	3711-001062	CONNECTOR-HEADER;BOX,6P,1R,2mm,STRAIGHT,		
JACK6	3722-001190	JACK-PHONE;9P/2C,6.43PI,AU,BLK,RC6701(EI		
JACK7	3722-001190	JACK-PHONE;9P/2C,6.43PI,AU,BLK,RC6701(EI		
JACK3	3722-001588	JACK-PHONE;7P,3.6PI,AG,BLK,-		
VFD	AH07-00120A	VF DISPLAY;HNA-12LS06,MAX-ZJ550,90X40,1/		
UIC1	AH11-00123A	MASK ROM;LC876748C-54L8,MAX-VJ650,56K,-		
CON27	AH39-00060A	LEAD CONNECTOR ASSY;-,51015-08,51004-08,		
UCW8	AH39-00353A	LEAD CONNECTOR ASSY;MM-Z100,1007#28,-,6P		
CON25	AH39-20008M	LEAD CONNECTOR ASSY;5264,5395,2P,150MM,1		
MCON1	AH39-20008P	LEAD CONNECTOR ASSY;5264,5395,2P,250MM,1		
WS1	AH39-50001H	WIRE HARNESS;RING,1007#24,100MM,BLK		
WS2	AH39-50001L	WIRE HARNESS;RING,1007#24,200MM,BLK		
VFD1	AH61-01520A	HOLDER-VFD;MAX-ZJ650,ABS ,-,-,-,BLK,-		
	AH81-01327W	A/S PART-FUNCTION;MM-ZJ650,FUNCTION PCB		
	AH81-01327Y	A/S PART-FRONT;MM-ZJ650,FRONT PCB ASS?Y,		
UD5	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD6	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD7	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD8	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD9	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD4	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
MDE02	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
MED01	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
MED02	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD3	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		
UD22	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
UD19	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
UD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
UD13	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
UD01A	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		
UQ4	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
UQ3	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
UQ2	0501-000316	TR-SMALL SIGNAL;KSA928A-Y,PNP,1000mW,TO-		
UQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
UQ1A	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
UQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T		
UQ9	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
UQ8	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
UQ7	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
UQ10	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
UQ11	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
UQ6	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-		
ULED6	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED7	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED8	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED9	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED5	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED10	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED2	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED3	0601-001238	LED;ROUND,RED,3.1mm,697nm		
ULED4	0601-001238	LED;ROUND,RED,3.1mm,697nm		
UR2	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm		
UR99	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		

Location No.	Code no.	Description	Specifiation	Remarks
UR6	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR4	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR14	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM		
UR13	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM		
UR12	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM		
UR96	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR93	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR20	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR94	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR11	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR100	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR43	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR3	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR21	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR88	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR85	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR78	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR40	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR15	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR19	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR1A	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR19	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR17	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR16	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR108	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR104	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR10	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR24	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR61	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR62	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR63	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR64	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR65	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR56	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR57	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR59	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR5A	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR60	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR71	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR72	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR73	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR8	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR91	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR66	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR67	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR68	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR69	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR70	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR54	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR32	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR33	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR34	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR35	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR36	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR25	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR26	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR27	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR28	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR31	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR44	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR48	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR49	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR4A	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR50	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR37	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR38	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR39	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR41	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR42	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR53	2001-000295	R-CARBON;10MOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR95	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR106	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR30	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR52	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR76	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR79	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UJW84	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR150	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR233	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR29	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR82	2001-000435	R-CARBON;1MOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR58	2001-000435	R-CARBON;1MOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR87	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR84	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR83	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR51	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR7	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR22	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR105	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR223	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR2B	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR90	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR18	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		

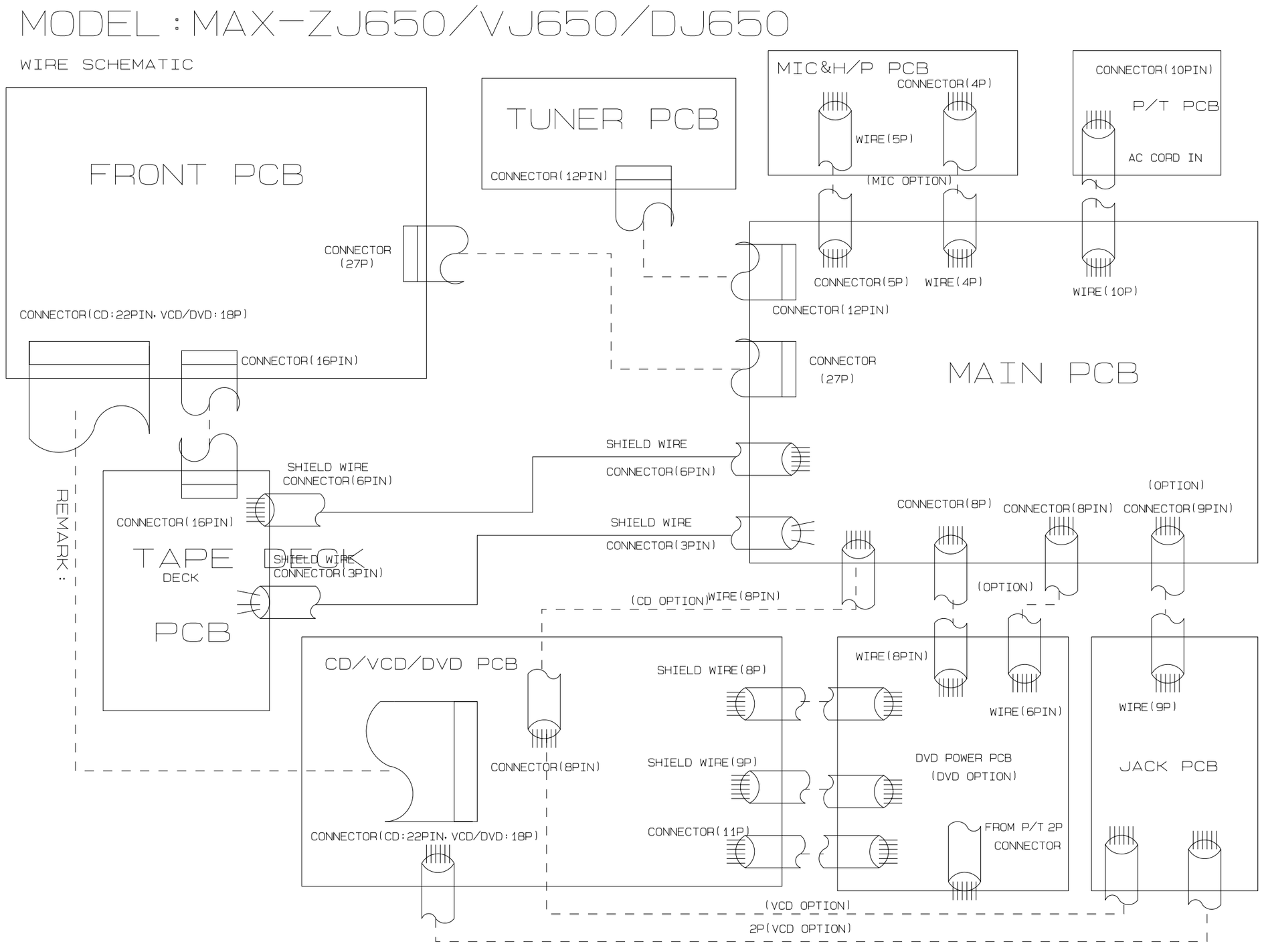
Location No.	Code no.	Description	Specifiation	Remarks
UR23	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR227	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR45	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR99	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR87	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR5	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR3A	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR222	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR18	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR103	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UJW68-1	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR9A	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR83	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR4A-1	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR220	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR119	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR118	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR117	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR221	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR225	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR226	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR74	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR77	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR102	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR109	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR110	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR111	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR112	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR113	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR114	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR115	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR116	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR81	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR89	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR80	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		
UR107	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		
UR101	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		
UR47	2001-000850	R-CARBON;560KOHM,5%,1/8W,AA,TP,1.8X3.2M		
UR9	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR46	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR232	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR231	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR230	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UR229	2001-001006	R-CARBON;82OHM,5%,1/8W,AA,TP,1.8X3.2MM		
UC2	2103-000341	VR-SEMI;2Kohm,30%,1/10W,TOP		
UC7	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
UC6	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
UC5	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
UC3	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
UC10	2201-000300	C-CERAMIC,DISC;1NF,20%,50V,Y5T,TP,5X3MM,		
UC8	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP,5X3		
UC20	2201-000389	C-CERAMIC,DISC;0.022NF,5%,50V,C0G,TP,5X3		
UC8-1	2201-000557	C-CERAMIC,DISC;0.47NF,10%,50V,SL,TP,8X3.		
UC24-1	2201-000557	C-CERAMIC,DISC;0.47NF,10%,50V,SL,TP,8X3.		
UC12	2201-000557	C-CERAMIC,DISC;0.47NF,10%,50V,SL,TP,8X3.		
UC14	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,-,-12.5x4m		
UC13	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,-,-12.5x4m		
UC02A	2202-000231	C-CERAMIC,MLC-AXIAL;0.33NF,10%,50V,Y5P,T		
UC25A	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
MEC01	2202-000806	C-CERAMIC,MLC-AXIAL;220pF,10%,50V,Y5P,TP		
UC15	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
UC16	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5		
UC8	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		
UC21	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		
UC19	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		
UC26	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5		
UC28	2401-000651	C-AL;2.2uF,20%,50V,GP,TP,4x7,5		
UC9	2401-000759	C-AL;220nF,20%,50V,GP,TP,5x11mm,5mm		
UC22	2401-000914	C-AL;22uF,20%,16V,GP,TP,5x11,5		
UC23	2401-001022	C-AL;3.3UF,20%,50V,GP,TP,5X11,5		
UC4	2401-001022	C-AL;3.3UF,20%,50V,GP,TP,5X11,5		
UC11	2401-001355	C-AL;470uF,20%,10V,GP,TP,8x11.5mm,5		
UC24	2401-001364	C-AL;470uF,20%,16V,GP,TP,10x12.5,5		
UC17	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5		
UC25	2401-001975	C-AL;47uF,20%,16V,GP,TP,5x11mm,5mm		
UC27	2401-001975	C-AL;47uF,20%,16V,GP,TP,5x11mm,5mm		
UL2	2701-000111	INDUCTOR-AXIAL;100UH,10%,2534		
UL1	2701-000111	INDUCTOR-AXIAL;100UH,10%,2534		
EB01	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,		
EB02	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,		
MB02	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,		
USW28	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW29	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW3	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW30	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW4	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW5	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW6	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW8	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW7	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW9	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW26	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW27	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		

Location no	Code no.	Description	Specifiation	Remarks
USW19	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW18	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW17	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW16	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW15	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW14	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW13	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW25	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW24	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW23	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW22	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW21	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW20	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW2	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW11	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW12	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW10	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
USW1	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST		
FRONT	AH41-00660A	PCB-FRONT;MAX-ZJ650/VJ650,PENOL,1 LAYER,		
	AH97-01111A	ASSY-CA?DECK;-,MAX-S720,ASSY CA?DECK		
	6003-001446	SCREW-TAPTITE;BH,+,,M2,L5,NI PLT		
	AH61-00413B	BRACKET-DECK;MAX-B550,SPTE 0.3T,0.3T,-,-		
	AH39-00021A	LEAD CONNECTOR ASSY;UL1533#28,300MM,-,-,		
	AH39-20002D	LEAD CONNECTOR ASSY;5264,-,3P,300MM,2970		
	AH59-01145A	**DECK-CASSETTE;ADR268AMW1,MAXS560,-,-,DC1**		

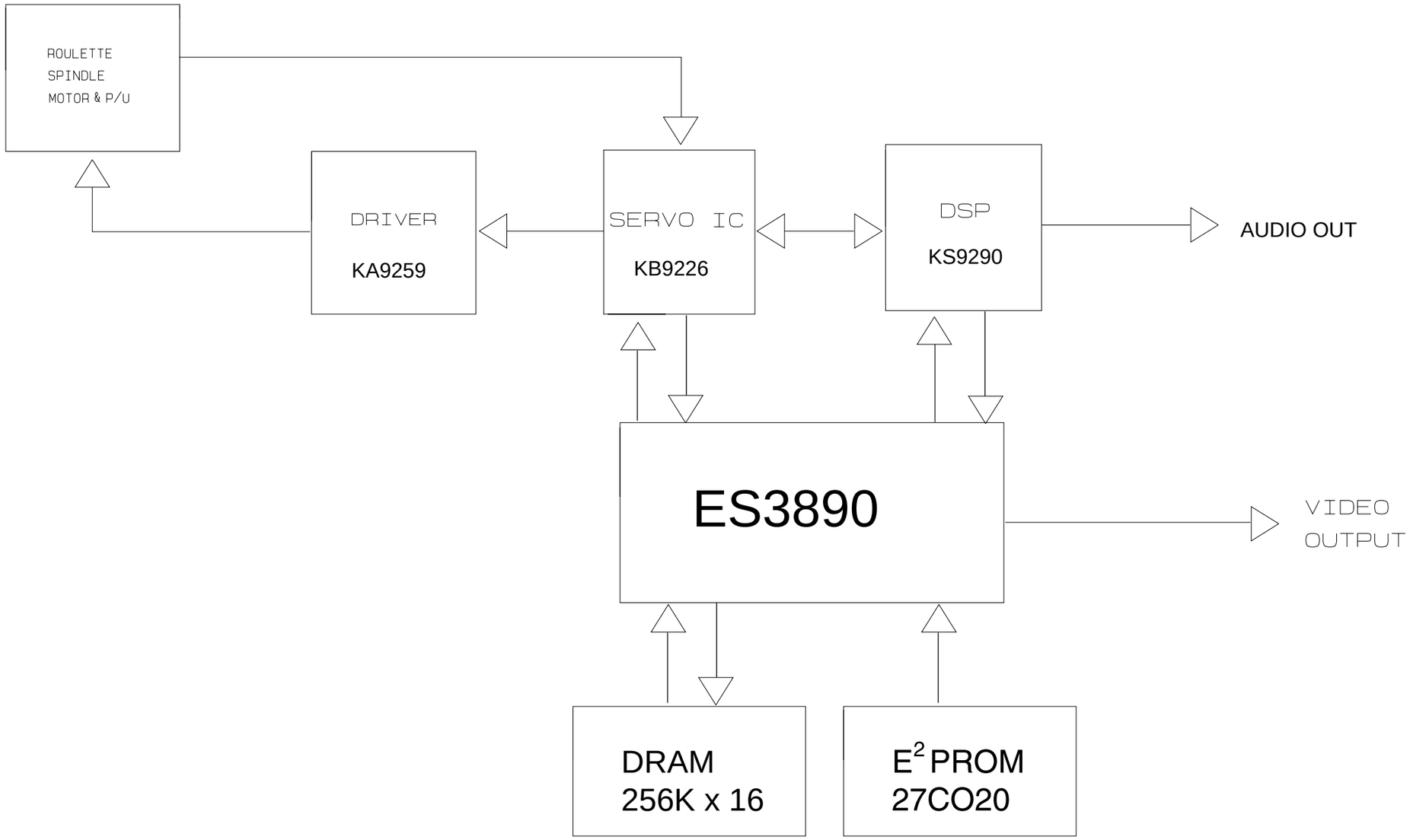
Location no	Code no.	Description	Specifiation	Remarks

4. Block Diagram

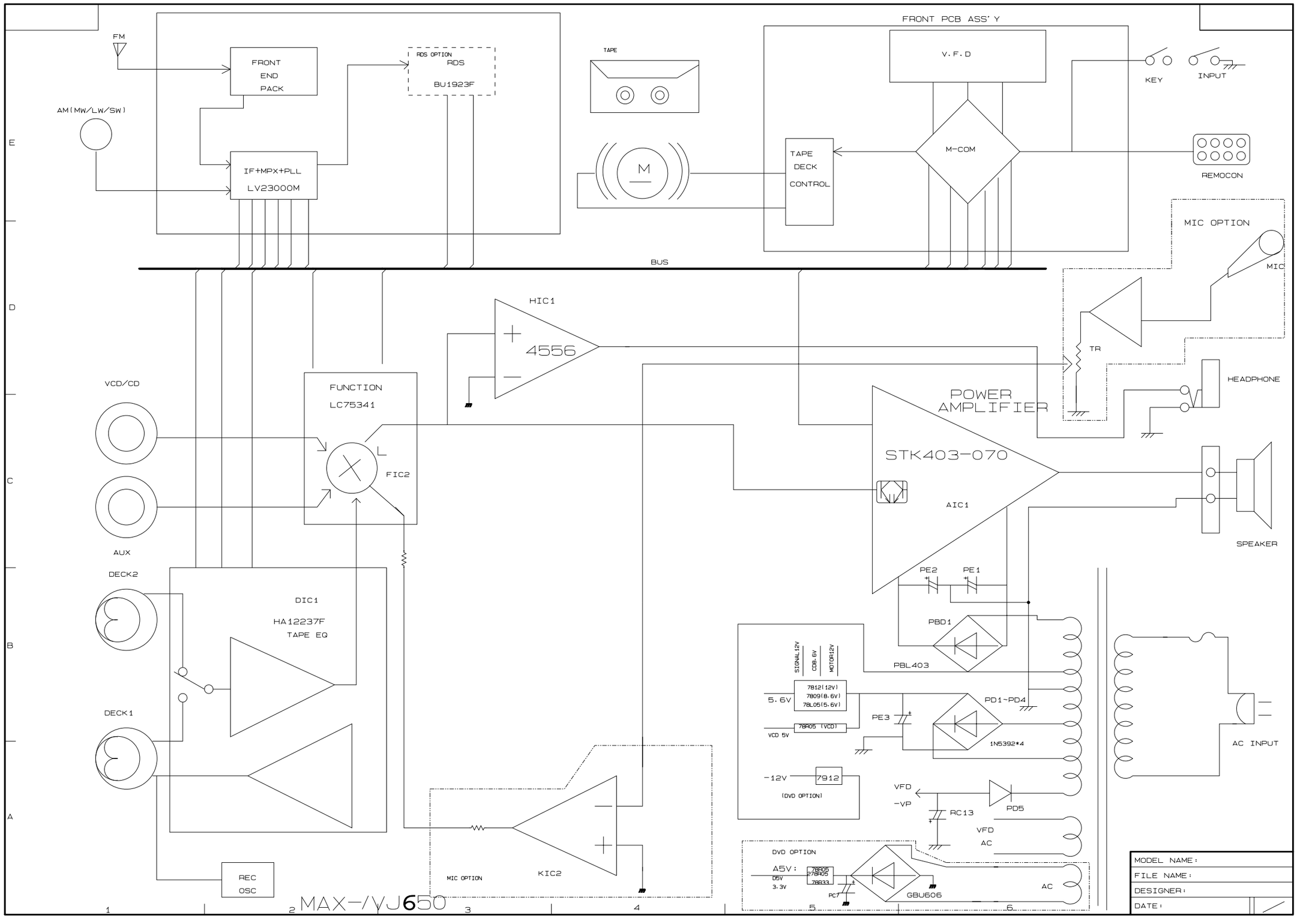
4-1 MAIN



VCD BLOCK DIAGRAM

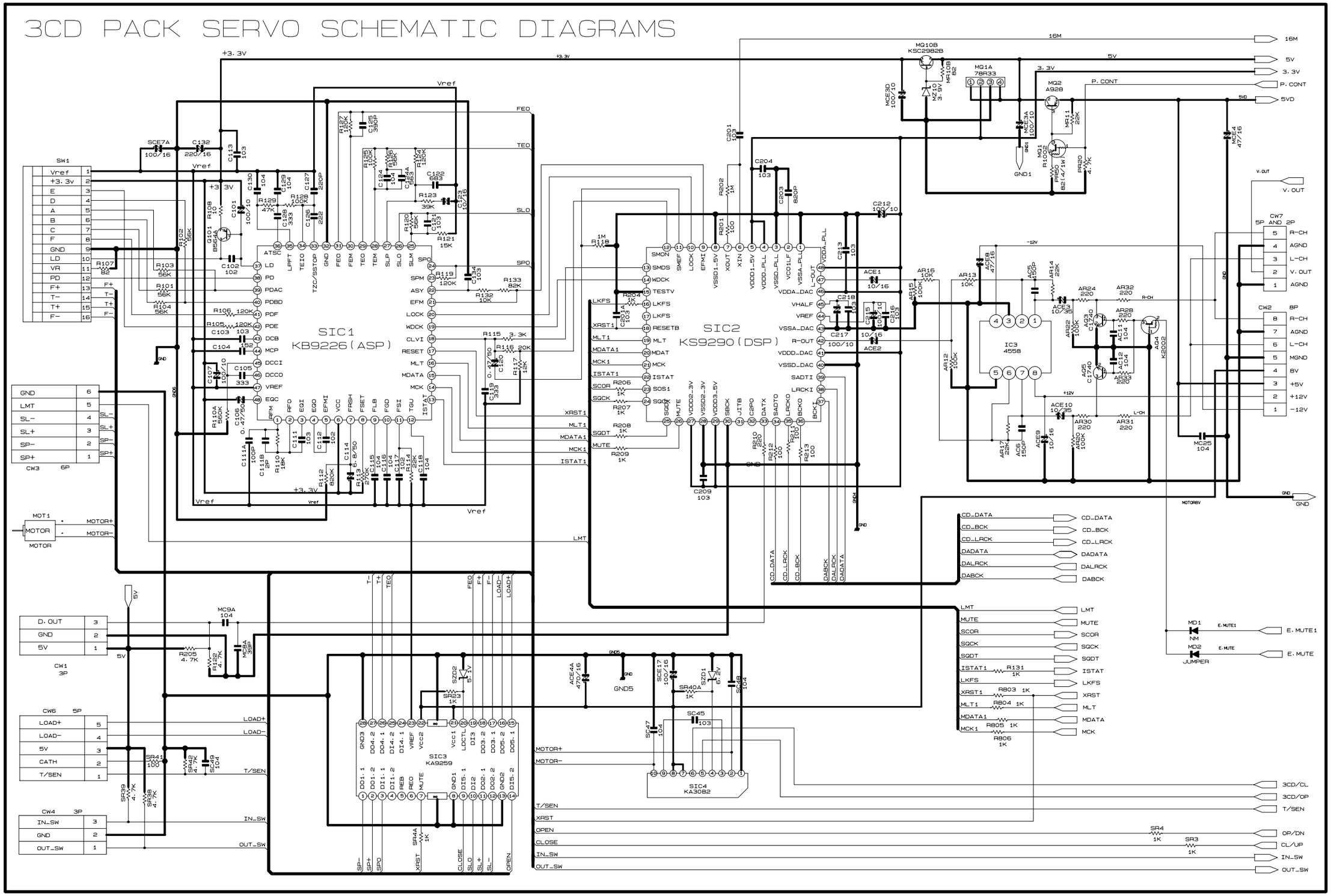


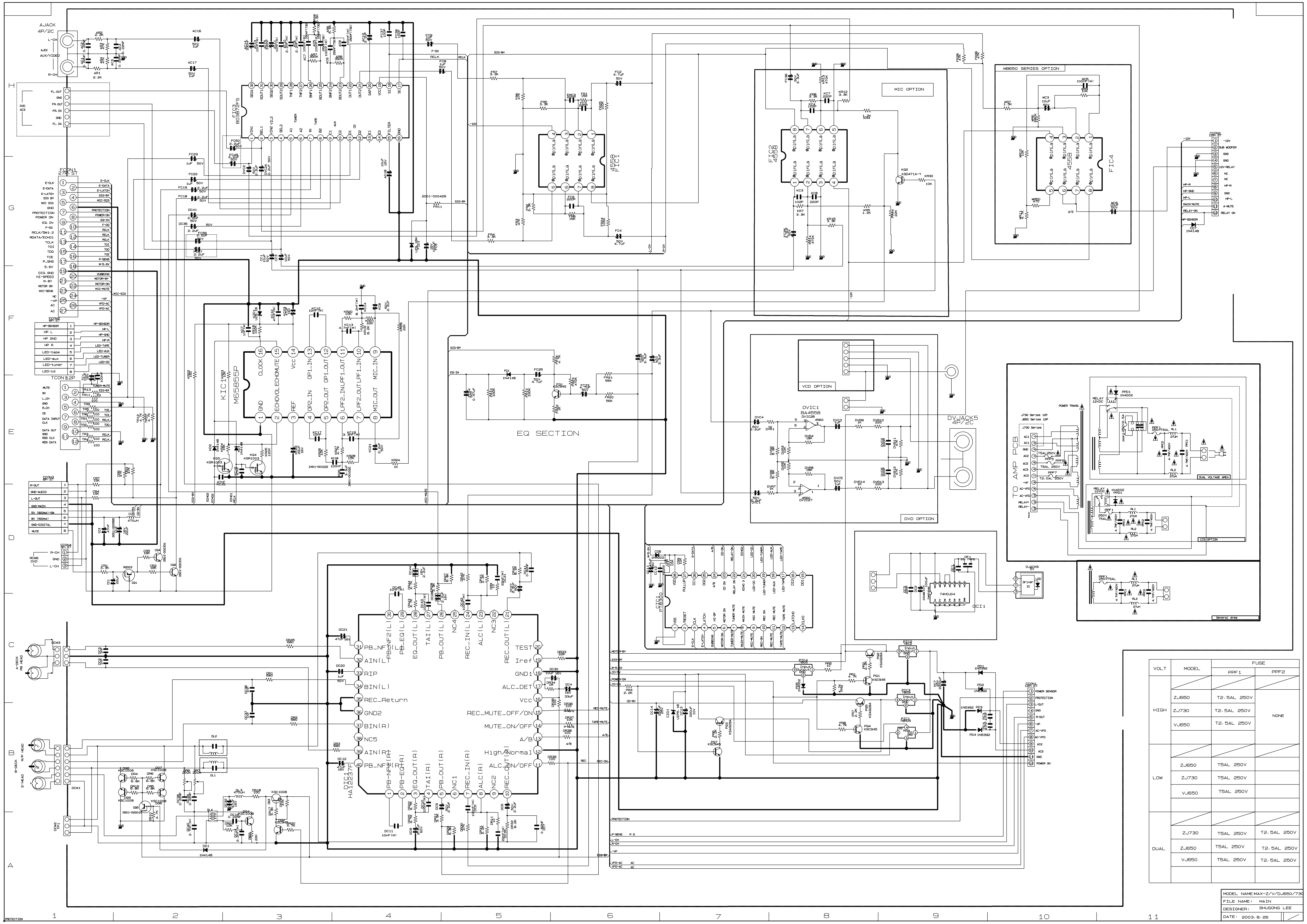
5. Wiring Diagram



6. Schematic Diagram

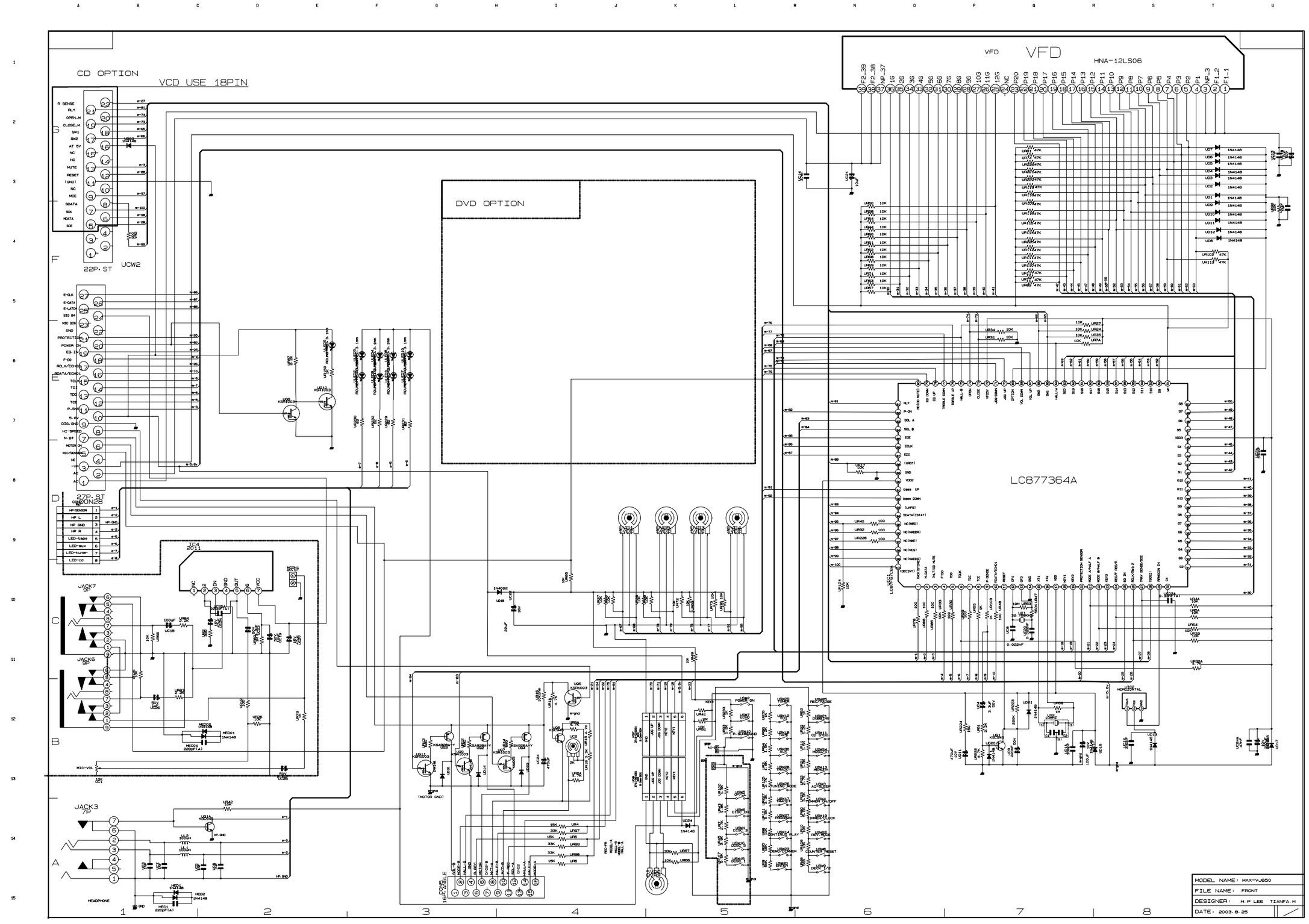
6-1 VCD SERVO




AJACK 4P/2C
FCON1 27P.ST
FCON2 8P.ST
TCON1 12P
CCON3 8P.ST
CCON4 3P.ST
FIC3 BD3872FS
KIC1 M65855P
FIC1 4558
FIC2 4558
FIC4 4558
MIC OPTION
WB650 SERIES OPTION
EQ SECTION
VCD OPTION
DVIC1 BA4558
DVD OPTION
DVJACK5 4P/2C
TO AMP PCB
DUAL VOLTAGE AREA
CIS OPTION
General Area
OJACK6 5V
74HCU04
OCI1
CIC1 PT8300
DIC1 HA12237F
PIC1 78R05
PIC2 7812
PIC3 7809
PIC4 7805
CCON1 12P.ST
CCON2 12P.ST
A-DECK PB HEAD
B-DECK R/P HEAD
E-HEAD
PROTECTION

VOLT	MODEL	FUSE PPF1	FUSE PPF2
HIGH	ZJ650	T2.5AL 250V	NONE
HIGH	ZJ730	T2.5AL 250V	NONE
HIGH	VJ650	T2.5AL 250V	NONE
LOW	ZJ650	T5AL 250V	
LOW	ZJ730	T5AL 250V	
LOW	VJ650	T5AL 250V	
DUAL	ZJ730	T5AL 250V	T2.5AL 250V
DUAL	ZJ650	T5AL 250V	T2.5AL 250V
DUAL	VJ650	T5AL 250V	T2.5AL 250V

MODEL NAME	MAX-Z/V/DJ650/730
FILE NAME:	MAIN
DESIGNER:	SHUGONG LEE
DATE:	2003.8.26


CD OPTION
VCD USE 18PIN
DVD OPTION
VFD
HNA-12LS06
LC877364A
22P. ST
UCW2
27P. ST
CONN28
JACK7
JACK6
JACK3
IC4
2511
MODEL NAME : MAX-VJ650
FILE NAME : FRONT
DESIGNER : H.P LEE TIANFA.H
DATE : 2003.8.25

MAX-VJ650. AMP

NO	DATE	COMMENTS
1		
2		

AIC1
STK403-100

403-100

-PRE (1) -Vcc (2) +Vcc (3) Ch1_OUT_4 (4) Ch1_OUT_5 (5) Ch2_OUT_6 (6) Ch2_OUT_7 (7) +PRE (8) SUB (9) GND (10) Ch1_IN (11) Ch1_NF (12) ST-BY (13) Ch2_NF (14) Ch2_IN (15)

OVER CURRENT

DC DETECT

+VH

-VH

SPEAKER
L
R

ACW1 12P. ANGLE
-12V
SUB WOOFER
GND
GND
12V-RELAY
NC
NC
HP-R
GND
HP-L
A-MUTE
RELAY ON

ACW2 12P. ANGLE
POWER SENSOR
PROTECTION
L-OUT
GND
R-OUT
-VP
AC-VFD
AC-VFD
AC2
AC2
GND
POWER ON

ACW3 10P. ANGLE
GND 1
AC1 2
AC1 3
AC2 4
AC2 5
-VP 6
AC-VFD 7
AC-VFD 8
RELAY+ 9
RELAY- 10

ABD1 GBU606
D1 D2 D3 D4

63V 3300uF AE5
63V 3300uF AE6

ARL1 12VDC

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLTAGE METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION ---- AUX MODE. VOL MIN. SOUND TORBO OFF.

2. UNLESS OTHERWISE SPECIFIED.
   RESISTORS ARE 1/8W, 5%. CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM( )
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL INDUCTANCE VALUED ARE IN.H(mmH).
   ALL E.CAPACITORS ARE SHOWN IN THE FROM OF CAPACITANCE (uF)/RATED VOLTAGE (V).

MAIN signal

MODEL	MAX-VJ650
SECTION	AMP POWER
DESINGER	LI SHu GONG
UPDATE DATE	2003. 10. 25

MAX-VJ650

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